DEVICE FOR PRECISE CHEMICAL DELIVERY AND SOLUTION PREPARATION

ABSTRACT OF THE DISCLOSURE

[000212] A burette **(10, 110, 200)** suitable for delivery of a reagent into a target solution **(50)** employs diffusion for delivering the reagent. The reagent is in the form of a solution, which is combined with a matrix material **(22)**, such as a gel or porous ceramic. A membrane **(32)** covers a delivery outlet **(20)** to the burette. In one embodiment, the delivery outlet comprises a plurality of fine bores **(36)**, each one filled with or covered by a membrane **(38)**. Stirring of the burette or target solution is achieved with a stirring means **(104, 106)**. A heating or cooling means **(80)** heats a tip **(16)** of the burette.